

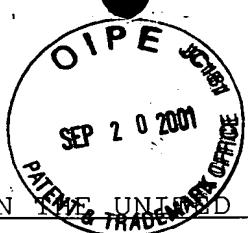
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



ATTY.'S DOCKET: MARUTA=3C

In re Application of: ) Art Unit: 1652  
Kazuhiko MARUTA et al. ) Examiner: R. PROUTY  
Serial No.: 09/419,305 ) Washington, D.C.  
Filed: October 15, 1999 ) September 20, 2001  
For: RECOMBINANT THERMOSTABLE )  
ENZYME WHICH...

PRELIMINARY AMENDMENT

Honorable Commissioner of Patents  
Washington, D.C. 20231

Sir:

Prior to examination on the merits, please amend as follows:

IN THE CLAIMS

Please replace claim 1 with new amended claim 1. A marked up version of the amended claim to show the changes made is attached hereto.

*DI sub F1* 1 (Thrice-amended). A purified recombinant thermostable enzyme which is obtained by the recombinant DNA technology and which has the following physicochemical properties:

(1) Action

F

Forming non-reducing saccharides having a trehalose structure as an end unit and having a degree of glucose polymerization of at least 3 from maltotetraose or reducing amylaceous